FIG. 1

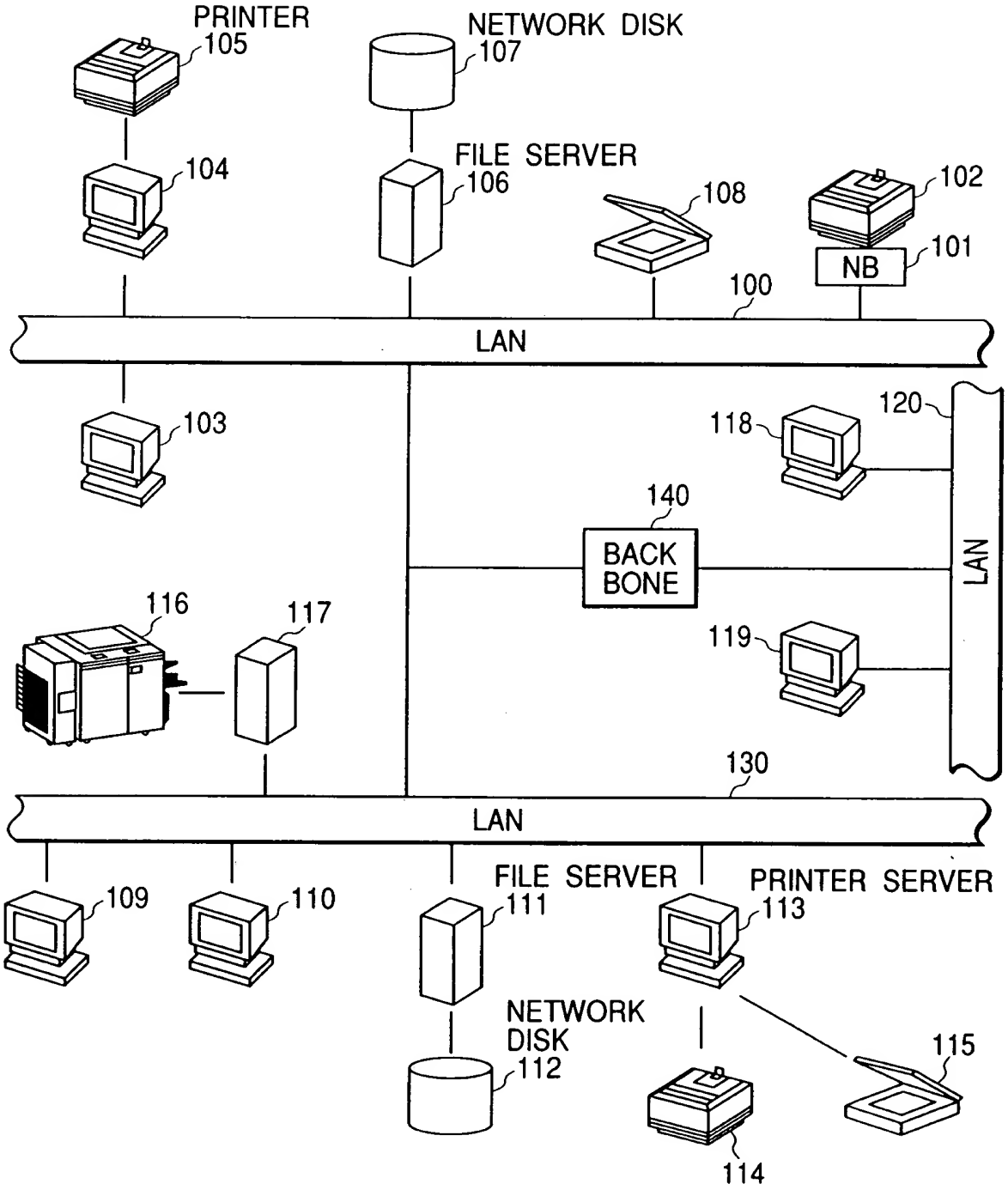

PRINTER
105
NETWORK DISK
107
FILE SERVER
106
104
108
102
101
NB
100
LAN
103
120
118
140
BACK
BONE
LAN
116
117
119
130
LAN
109
110
FILE SERVER
111
PRINTER SERVER
113
NETWORK
DISK
112
115
114

FIG. 2

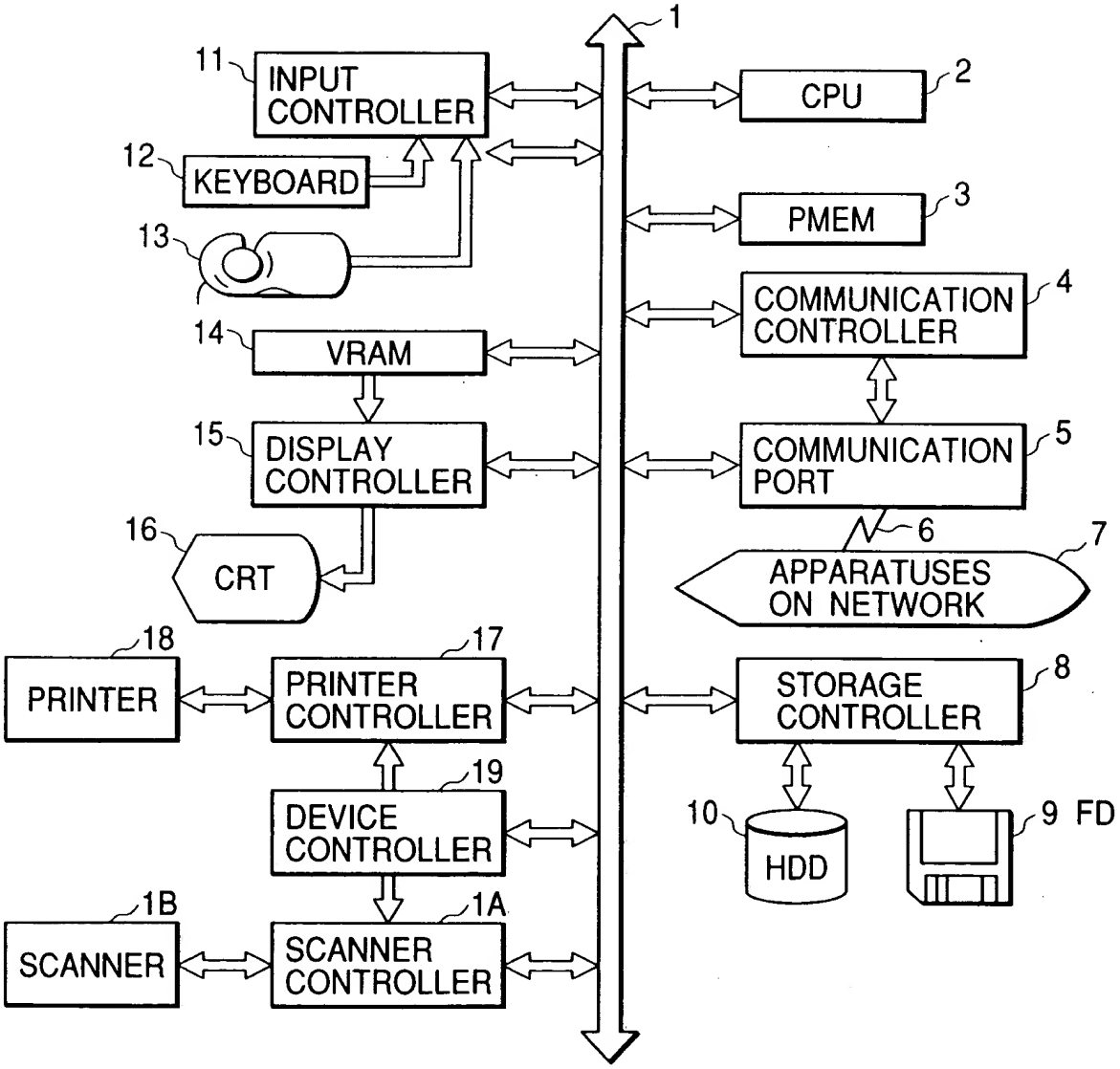

1
11
INPUT CONTROLLER
CPU
2
12
KEYBOARD
PMEM
3
13
COMMUNICATION CONTROLLER
4
14
VRAM
15
DISPLAY CONTROLLER
COMMUNICATION PORT
5
16
CRT
6
7
APPARATUSES ON NETWORK
18
17
PRINTER
PRINTER CONTROLLER
STORAGE CONTROLLER
8
19
DEVICE CONTROLLER
10
HDD
9 FD
1B
1A
SCANNER
SCANNER CONTROLLER

FIG. 3

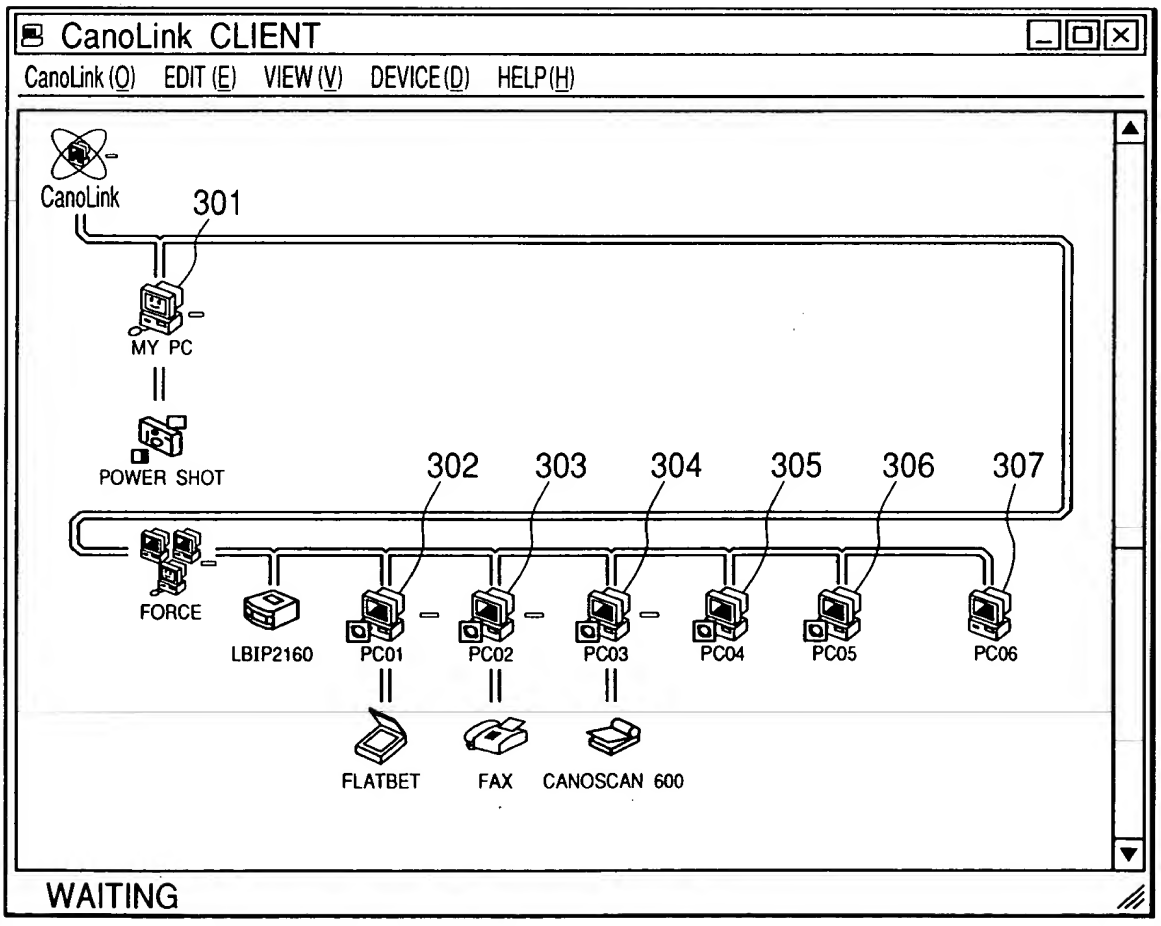

CanoLink CLIENT
CanoLink(O) EDIT(E) VIEW(V) DEVICE(D) HELP(H)
CanoLink
301
MY PC
POWER SHOT
302
303
304
305
306
307
FORCE
LBIP2160
PC01
PC02
PC03
PC04
PC05
PC06
FLATBET
FAX
CANOSCAN 600
WAITING

FIG. 4

MY PC	SCANNER SERVER FUNCTION	401
	FAX SERVER FUNCTION	402
	DESK TOP SERVER FUNCTION	403
	LICENSE SERVER FUNCTION	404
	.....	
PC01	SCANNER SERVER FUNCTION	
	FAX SERVER FUNCTION	
	DESK TOP SERVER FUNCTION	
	LICENSE SERVER FUNCTION	
	.....	
PC02	SCANNER SERVER FUNCTION	
	FAX SERVER FUNCTION	
	DESK TOP SERVER FUNCTION	
	LICENSE SERVER FUNCTION	
	.....	
PC03	SCANNER SERVER FUNCTION	
	FAX SERVER FUNCTION	
	DESK TOP SERVER FUNCTION	
	LICENSE SERVER FUNCTION	
	.....	
PC04	SCANNER SERVER FUNCTION	
	FAX SERVER FUNCTION	
	DESK TOP SERVER FUNCTION	
	LICENSE SERVER FUNCTION	
	.....	
.....	.....	

FIG. 5

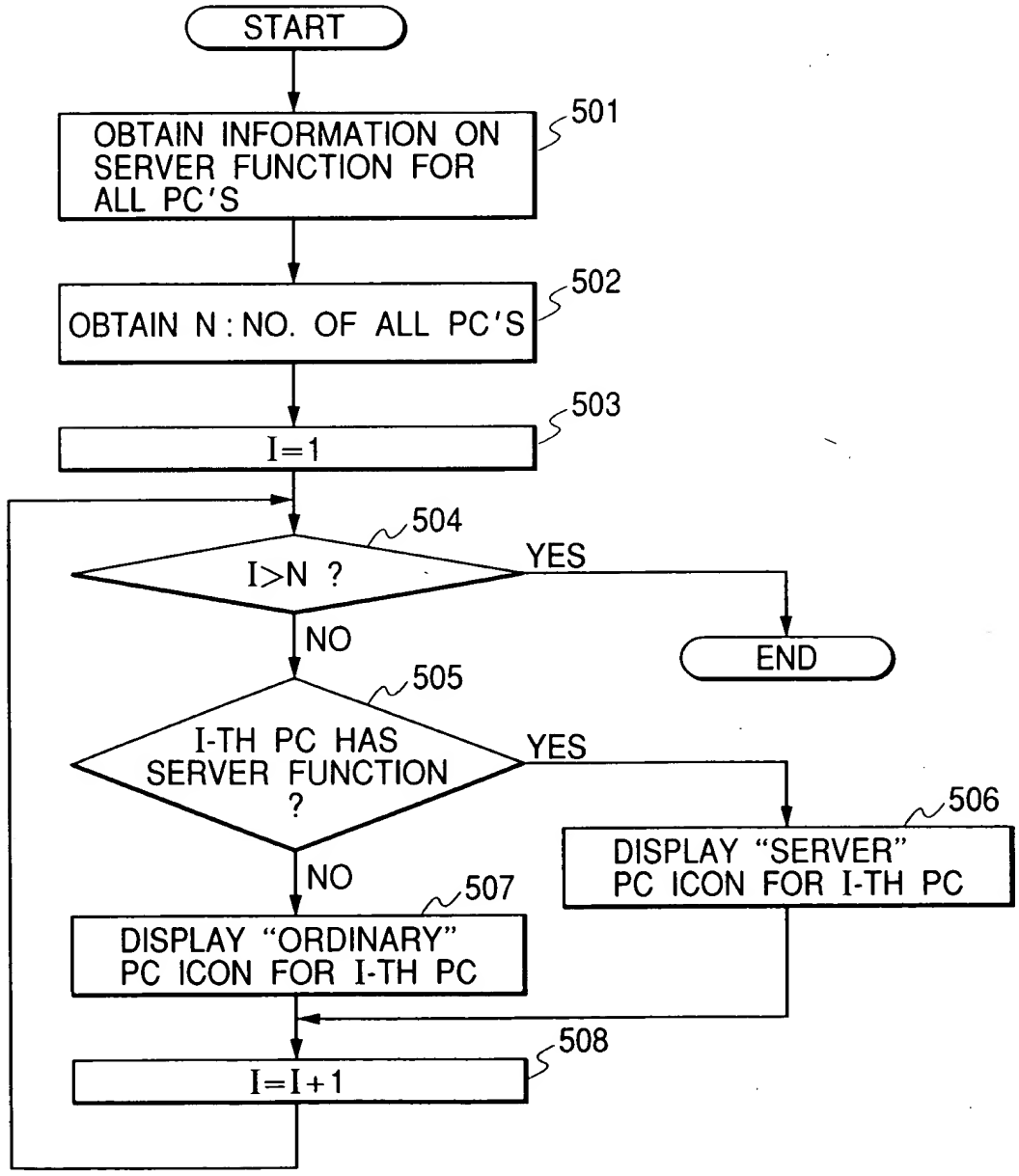

START
OBTAIN INFORMATION ON SERVER FUNCTION FOR ALL PC'S
501
OBTAIN N : NO. OF ALL PC'S
502
I=1
503
504
I>N ?
YES
NO
END
505
I-TH PC HAS SERVER FUNCTION ?
YES
506
DISPLAY "SERVER" PC ICON FOR I-TH PC
NO
507
DISPLAY "ORDINARY" PC ICON FOR I-TH PC
508
I=I+1

FIG. 6

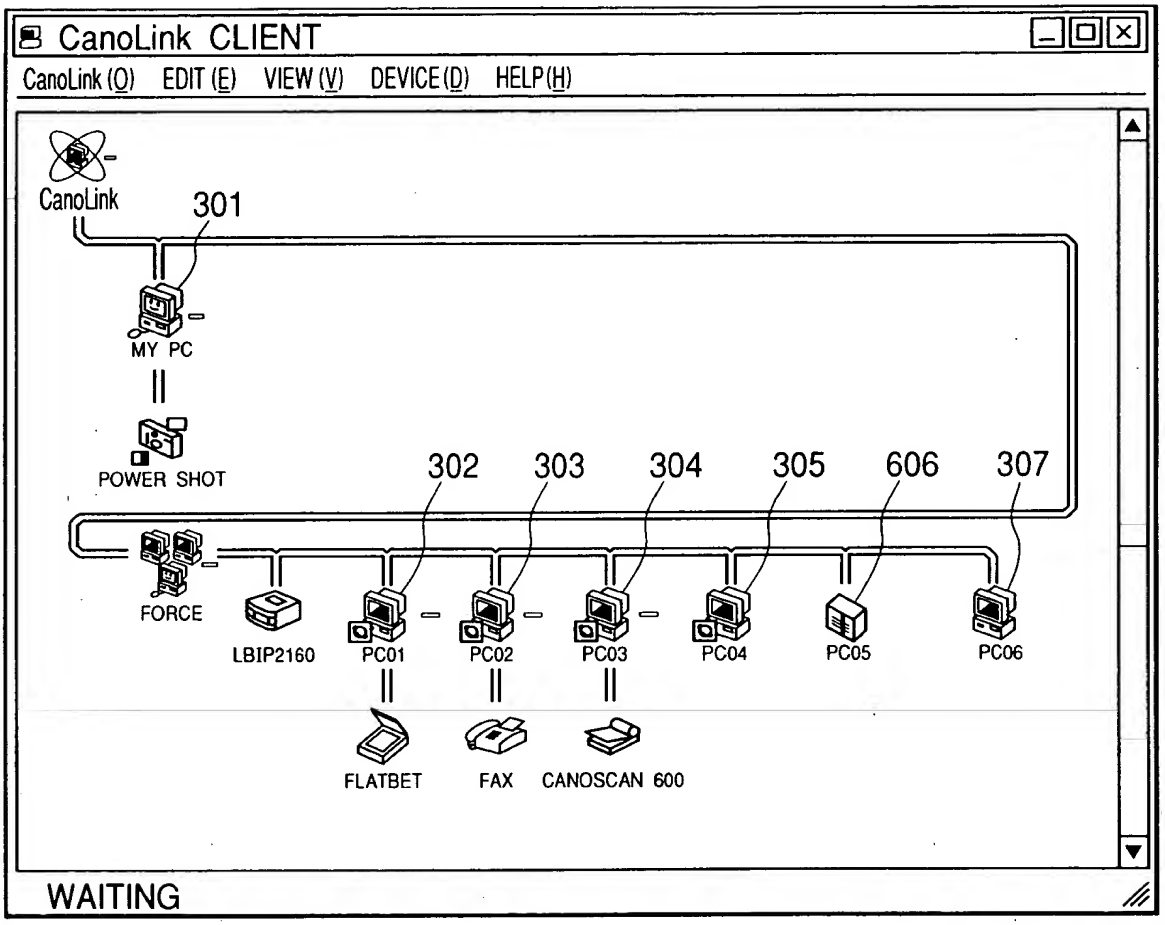


FIG. 7

PC	USER	START	TIME ELAPSED
PC00	KIKUCHI	1999/07/25 9:10	0:50
PC01	KAKIMOTO	1999/07/25 8:30	1:30
PC02	MACHIDA	1999/07/25 8:25	1:35
PC03	IIZUKA	1999/07/25 9:24	0:36
PC04	KUROSIMA	1999/07/25 9:00	1:00

FIG. 8

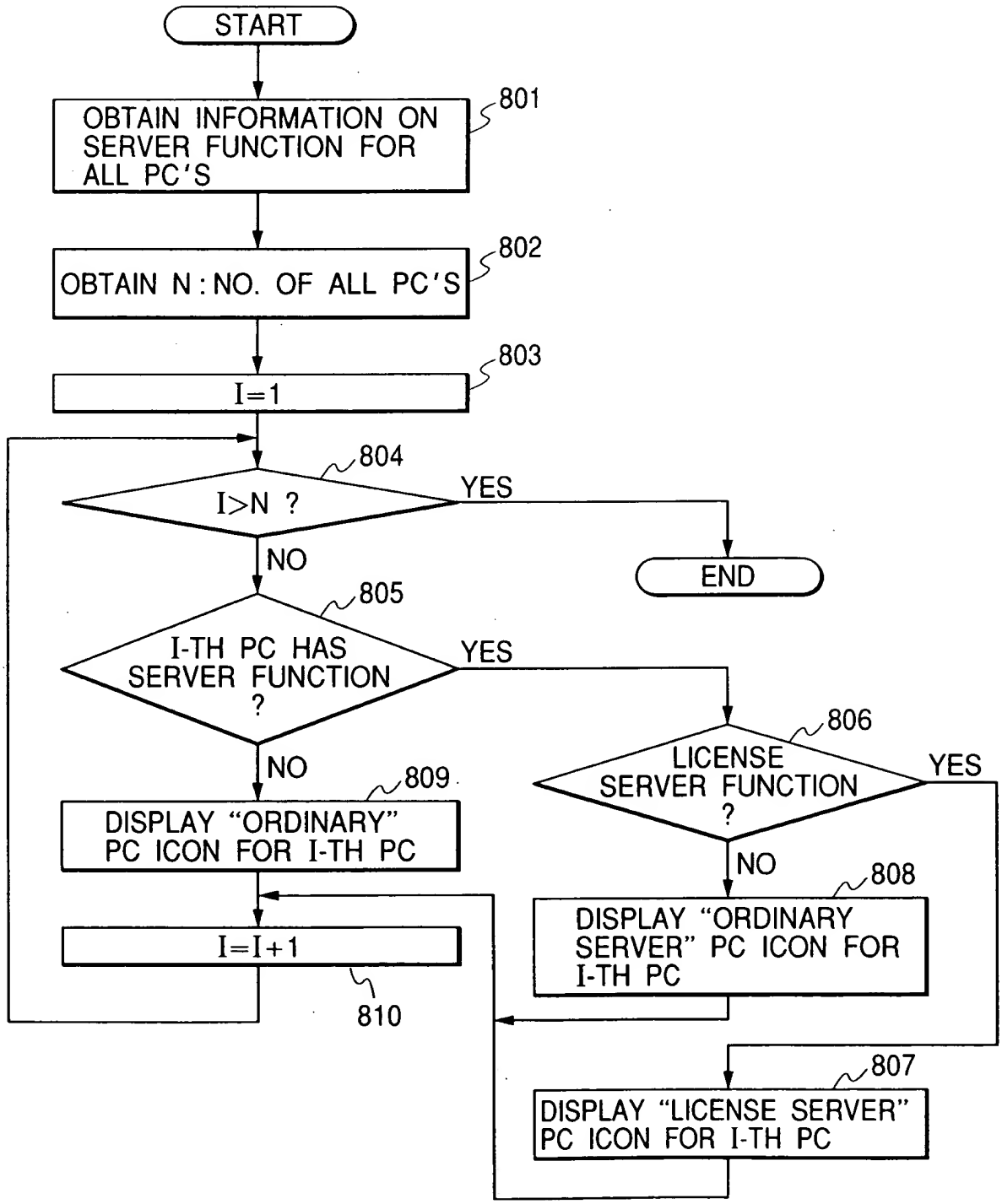

START
OBTAIN INFORMATION ON SERVER FUNCTION FOR ALL PC'S
801
OBTAIN N : NO. OF ALL PC'S
802
I=1
803
I>N ?
804
YES
NO
END
I-TH PC HAS SERVER FUNCTION ?
805
YES
NO
LICENSE SERVER FUNCTION ?
806
YES
NO
DISPLAY "ORDINARY" PC ICON FOR I-TH PC
809
DISPLAY "ORDINARY SERVER" PC ICON FOR I-TH PC
808
I=I+1
810
DISPLAY "LICENSE SERVER" PC ICON FOR I-TH PC
807

FIG. 9

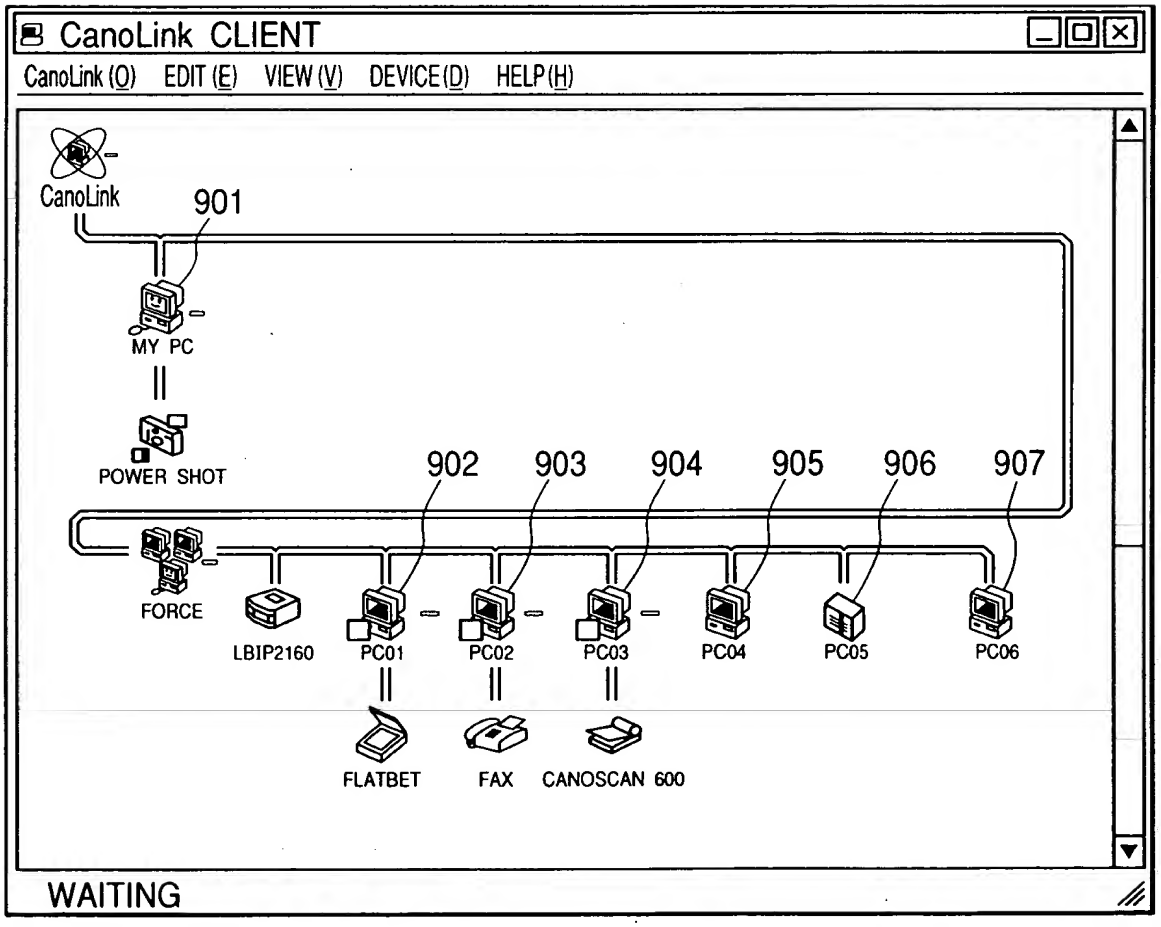

CanoLink CLIENT
CanoLink (O) EDIT (E) VIEW (V) DEVICE (D) HELP (H)
CanoLink
901
MY PC
POWER SHOT
902
903
904
905
906
907
FORCE
LBIP2160
PC01
PC02
PC03
PC04
PC05
PC06
FLATBET
FAX
CANOSCAN 600
WAITING

FIG. 10

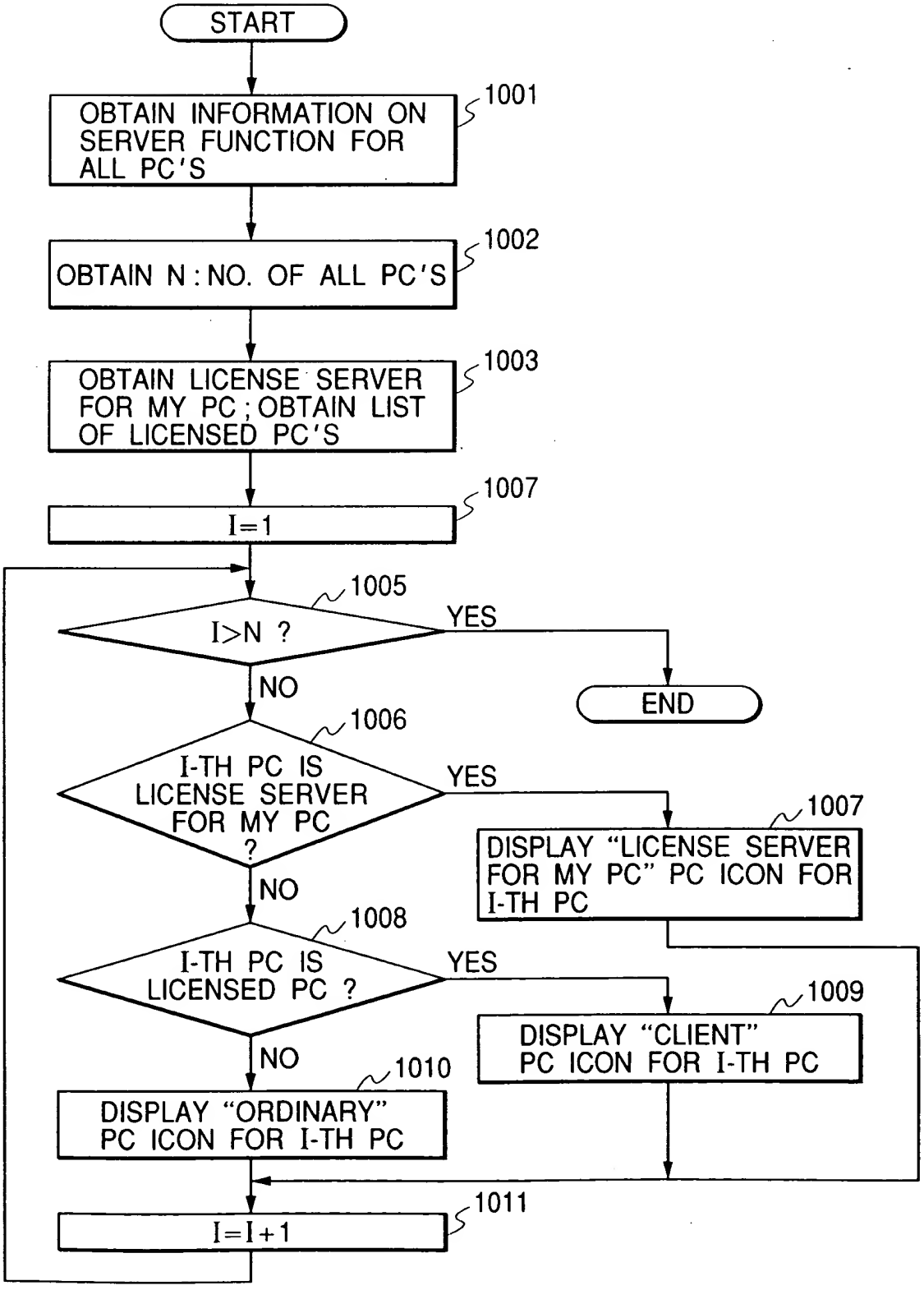

START
OBTAIN INFORMATION ON SERVER FUNCTION FOR ALL PC'S
1001
OBTAIN N : NO. OF ALL PC'S
1002
OBTAIN LICENSE SERVER FOR MY PC ; OBTAIN LIST OF LICENSED PC'S
1003
I=1
1007
I>N ?
1005
YES
NO
END
I-TH PC IS LICENSE SERVER FOR MY PC ?
1006
YES
DISPLAY "LICENSE SERVER FOR MY PC" PC ICON FOR I-TH PC
1007
NO
I-TH PC IS LICENSED PC ?
1008
YES
DISPLAY "CLIENT" PC ICON FOR I-TH PC
1009
NO
DISPLAY "ORDINARY" PC ICON FOR I-TH PC
1010
I=I+1
1011

FIG. 11

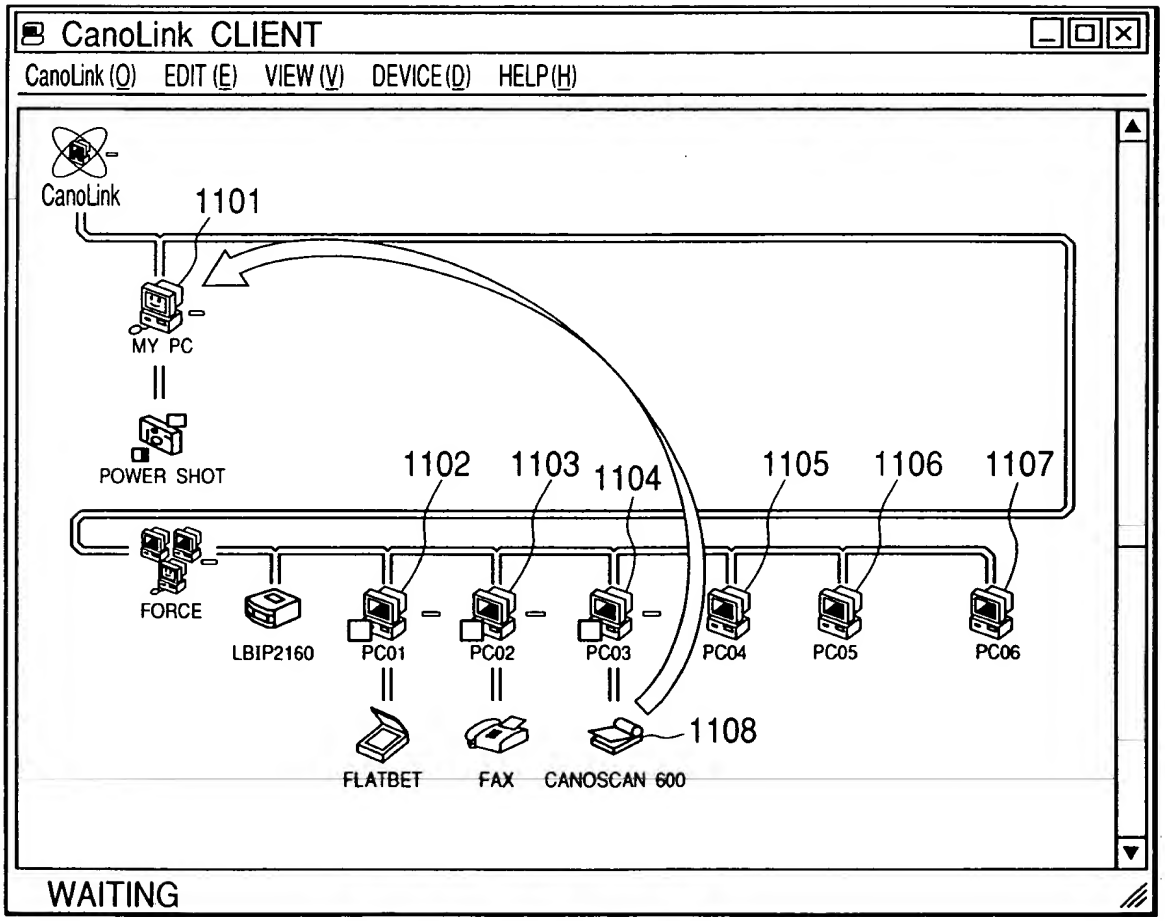
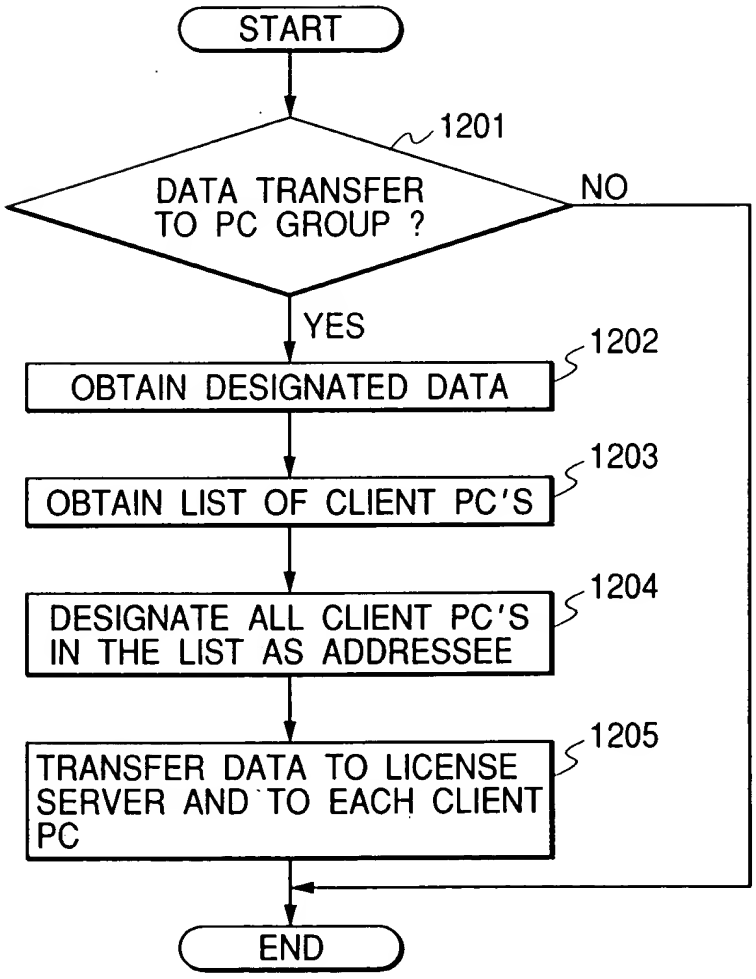

CanoLink CLIENT
CanoLink(O) EDIT(E) VIEW(V) DEVICE(D) HELP(H)
CanoLink
1101
MY PC
POWER SHOT
1102
1103
1104
1105
1106
1107
FORCE
LBIP2160
PC01
PC02
PC03
PC04
PC05
PC06
1108
FLATBET
FAX
CANOSCAN 600
WAITING

FIG. 12


START
1201
DATA TRANSFER TO PC GROUP ?
NO
YES
1202
OBTAIN DESIGNATED DATA
1203
OBTAIN LIST OF CLIENT PC'S
1204
DESIGNATE ALL CLIENT PC'S IN THE LIST AS ADDRESSEE
1205
TRANSFER DATA TO LICENSE SERVER AND TO EACH CLIENT PC
END